

Title (en)

Piezoelectric polymer transducers.

Title (de)

Piezoelektrischer Polymer-Wandler.

Title (fr)

Transducteurs à polymère piézo-électrique.

Publication

**EP 0295907 A1 19881221 (EN)**

Application

**EP 88305494 A 19880616**

Priority

GB 8714259 A 19870618

Abstract (en)

A piezoelectric transducer of piezoelectric plastics material comprises a body (10) and activated transducer film (11) formed integrally. Electrodes (12) are formed on opposite sides of the film, and a backing material (14) supports the film (11) on one side. The transducer may be formed by moulding, applying the electrodes and activating the film by means of a Corona discharge.

IPC 1-7

**H01L 41/22**; **H04R 17/00**

IPC 8 full level

**H01L 41/26** (2006.01); **H01L 41/45** (2013.01); **H04R 17/00** (2006.01)

CPC (source: EP US)

**H04R 17/005** (2013.01 - EP US); **H10N 30/098** (2023.02 - EP US); **Y10S 310/80** (2013.01 - EP US); **Y10T 29/42** (2015.01 - EP US)

Citation (search report)

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- [Y] EP 0002161 A2 19790530 - THOMSON CSF [FR]
- [A] EP 0035426 A1 19810909 - THOMSON CSF [FR]
- [A] EP 0112562 A2 19840704 - TOSHIBA KK [JP]
- [A] EP 0035425 A1 19810909 - THOMSON CSF [FR]
- [A] ULTRASONICS, vol. 22, no. 2, March 1984, pages 85-95, Butterworth & Co. (Publishers) Ltd, Guildford, Surrey, GB; G.C. LOW et al.: "Design and construction of short pulse ultrasonic probes for non-destructive testing"

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Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0295907 A1 19881221**; GB 2206232 A 19881229; GB 2206232 B 19920527; GB 8714259 D0 19870722; GB 8814370 D0 19880720; US 5016333 A 19910521

DOCDB simple family (application)

**EP 88305494 A 19880616**; GB 8714259 A 19870618; GB 8814370 A 19880616; US 45220289 A 19891218